

What is claimed is:

1. An image recording device, comprising:

a recording head which discharges an ultraviolet-ray curable ink, which is cured as irradiated with ultraviolet rays;

an ultraviolet light source which generates ultraviolet rays to cure the ultraviolet-ray curable ink;

a first heating section which heats the ultraviolet-ray curable ink on a recording medium after an irradiation of the ultraviolet rays;

a pressure section which pressurizes the recording medium after an irradiation of the ultraviolet rays; and

a controller which controls the first heating section to start heating the ultraviolet-ray curable ink on the recording medium after the last discharge of the ink to an arbitrary area on the recording medium, a first predetermined time between the last discharge and the starting heat is predetermined, and controls the first heating section to heat the ultraviolet-ray curable ink within a second predetermined time.

2. The image recording device of Claim 1, wherein the first predetermined time is in a range between 0.1 and 120 seconds.

3. The image recording device of Claim 1, wherein

the second predetermined time is in a range between 0.1 and 10 seconds.

4. The image recording device of Claim 1, wherein the controller changes a heat quantity, which is applied to the ink by the heating section, in accordance with kinds of recording medium to be recorded.

5. The image recording device of Claim 4, wherein the controller changes the second predetermined time in accordance with kinds of recording medium to be recorded.

6. The image recording device of Claim 1, wherein the controller changes the first predetermined time in accordance with kinds of recording medium to be recorded.

7. The image recording device of Claim 1, wherein the controller changes a heat quantity, which is applied to the ink by the heating section, in accordance with recording conditions.

8. The image recording device of Claim 7, wherein the controller changes the second predetermined time in accordance with recording conditions.

9. The image recording device of Claim 1, wherein

the controller changes the first predetermined time in accordance with recording conditions.

10. The image recording device of Claim 1, wherein the heating section is used as the pressure section.

11. The image recording device of Claim 1, wherein a heating process of the heating section and a pressurize process of the pressure section is overlapped.

12. The image recording device of Claim 1, further comprising:

a second heating section which heats the ultraviolet-ray curable ink on the recording medium after an heating process of the first heating section.

13. The image recording device of Claim 1, further comprising:

a third heating section which heats the recording medium before an heating process of the first heating section.

14. The image recording device of Claim 1, further comprising:

a moving section which relatively moves the recording medium to the first heating section.

15. The image recording device of Claim 14, wherein the moving section includes:

a pair of rollers which moves the recording medium to the first heating section, wherein one of the rollers is used as the heating section, and the other is used as the pressure section.

16. The image recording device of Claim 14, wherein the moving section includes:

a roller and a belt which move the recording medium to the first heating section, wherein one of the roller and the belt is used as the heating section, and the other is used as the pressure section.

17. The image recording device of Claim 14, wherein the moving section includes:

a pair of belts which moves the recording medium to the first heating section, wherein one of the belts is used as the heating section, and the other is used as the pressure section.

18. An image recording device, comprising:

a recording head which discharges an ultraviolet-ray curable ink, which is cured as irradiated with ultraviolet

rays;

an ultraviolet light source which generates ultraviolet rays to cure the ultraviolet-ray curable ink;

a first heating section which heats the ultraviolet-ray curable ink on a recording medium after an irradiation of the ultraviolet rays;

a pressure section which pressurizes the recording medium after an irradiation of the ultraviolet rays;

a controller which controls the first heating section to start heating the ultraviolet-ray curable ink on the recording medium after the last discharge of the ink to an arbitrary area on the recording medium; and

a moving section which relatively moves the recording medium to the first heating section.

19. The image recording device of Claim 18, wherein the moving section includes:

a pair of rollers which moves the recording medium to the first heating section, wherein one of the rollers is used as the heating section, and the other is used as the pressure section.

20. The image recording device of Claim 18, wherein the moving section includes:

a roller and a belt which move the recording medium to the first heating section,

wherein one of the roller and the belt is used as the heating section, and the other is used as the pressure section.

21. The image recording device of Claim 18, wherein the moving section includes:

a pair of belts which moves the recording medium to the first heating section, wherein one of the belts is used as the heating section, and the other is used as the pressure section.

22. The image recording device of Claim 1, the ultraviolet-ray curable ink is water-base ink.

23. The image recording device of Claim 18, the ultraviolet-ray curable ink is water-base ink.